

Methylene Blue (MB<sup>+</sup>): R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>4</sub>=CH<sub>3</sub> R<sub>5</sub>=H

Toluidine Blue (TB<sup>+</sup>): 
$$R_1=R_2=R_5=CH_3$$
  $R_3=R_4=H$ 

Fig. 2

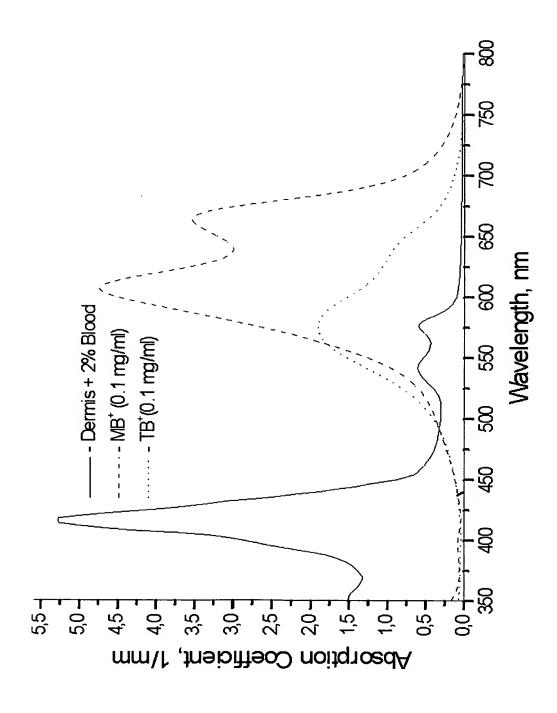
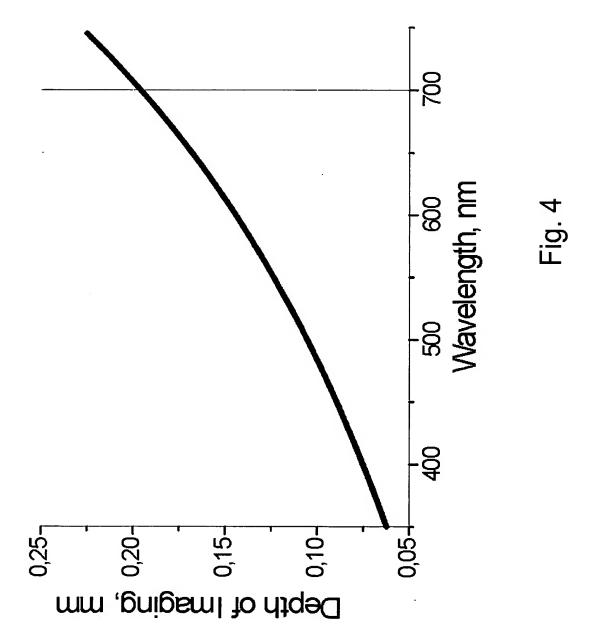
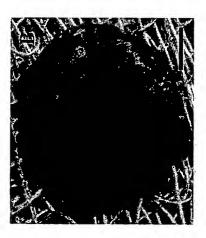


Fig. 3







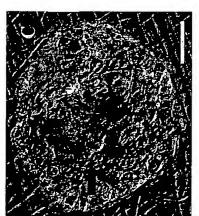
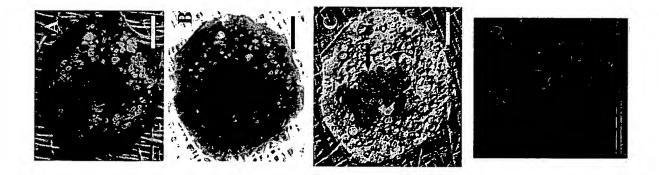
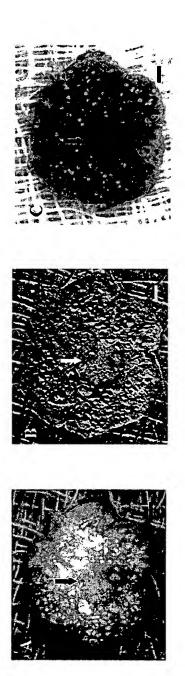
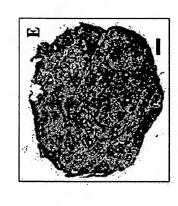


Fig. 5

Fig. 6







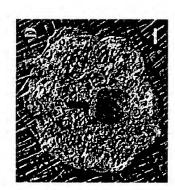
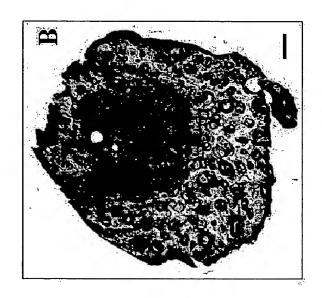


Fig. 7



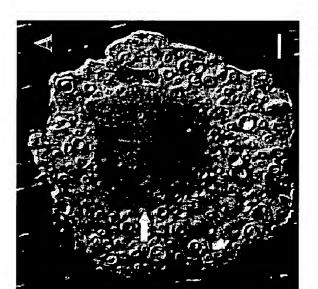
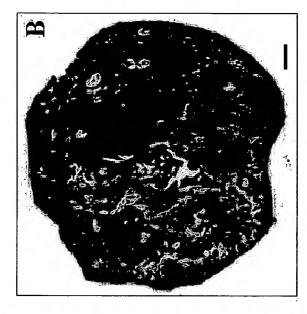


Fig. 8



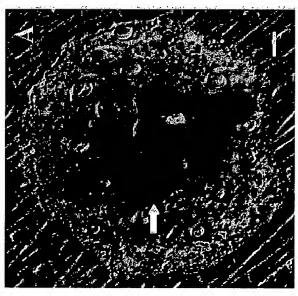
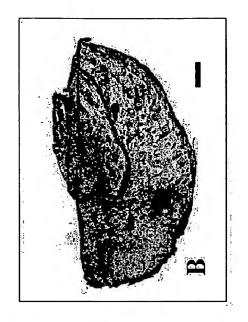


Fig. 9



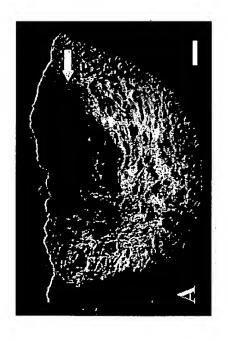


Fig. 10